

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A method for assigning physical channels of a new user service to a set of time slots in a hybrid wireless time division multiple access/code division multiple access communication system, the method comprising:

providing a time slot sequence of the set of time slots, the time slot sequence being arranged in decreasing order of quality, the quality of a time slot being determined by a figure of merit;

ordering the new user service physical channels based on a decreasing desired reception quality of each of the new user service physical channels; and

assigning the new user service physical channels to the set of time slots based on the ordering and the time slot sequence.

2. (Canceled)

3. (Original) The method of claim 1 wherein the desired reception quality is a required signal to interference ratio.

4. (Canceled)

5. (Currently amended) The method of claim 1 wherein the new user service physical channels are physical channels of a coded composite transport channel (CCTrCH).

6. (Currently amended) A radio network controller (RNC) for use in a hybrid wireless time division multiple access/code division multiple access communication system, the RNC assigning physical channels of a new user service to a set of time slots, the RNC comprising:

a radio resource management device for providing a time slot sequence of the set of time slots, the time slot sequence being arranged in decreasing order of quality, the quality of a time slot being determined by a figure of merit; ordering the new user service physical channels based on a decreasing desired reception quality of each of the new user service physical channels; and assigning the new user service physical channels to the set of time slots based on the ordering and the time slot sequence.

7. (Canceled)

8. (Original) The RNC of claim 6 wherein the desired reception quality is a required signal to interference ratio.

9. (Canceled)

10. (Currently amended) The RNC of claim 6 wherein the new user service physical channels are physical channels of a coded composite transport channel (CCTrCH).

11. (Currently amended) A radio network controller (RNC) for use in a hybrid wireless time division multiple access/code division multiple access communication system, the RNC assigning physical channels of a new user service to a set of time slots, the RNC comprising:

means for providing a time slot sequence of the set of time slots, the time slot sequence being arranged in decreasing order of quality, the quality of a time slot being determined by a figure of merit;

means for ordering the new user service physical channels based on a

decreasing desired reception quality of each of the new user service physical channels; and

means for assigning the new user service physical channels to the set of time slots based on the ordering and the time slot sequence.

12. (Canceled)

13. (Original) The RNC of claim 11 wherein the desired reception quality is a required signal to interference ratio.

14. (Canceled)

15. (Currently amended) The RNC of claim 11 wherein the new user service physical channels are physical channels of a coded composite transport channel (CCTrCH).

16. (New) The method of claim 1, wherein the figure of merit for a time slot is determined by calculating a difference between a measured interference level of the time slot and a minimum measured interference for all time slots, and

an allowed number of physical channels for the provided physical channels in the time slot.

17. (New) The RNC of claim 6, wherein the figure of merit for a time slot is determined by calculating a difference between a measured interference level of the time slot and a minimum measured interference for all time slots, and an allowed number of physical channels for the provided physical channels in the time slot.

18. (New) The RNC of claim 11, wherein the figure of merit for a time slot is determined by calculating a difference between a measured interference level of the time slot and a minimum measured interference for all time slots, and an allowed number of physical channels for the provided physical channels in the time slot.